

**CONFIDENTIAL****ROUTING AND RECORD SHEET**

**SUBJECT:** (Optional) Fire Suppression System for PSD New Building  
Computer Area

**FROM:** OSO/PSD  
[Redacted]

EXTENSION

NO.

OSO-0968-83

DATE

29 JUL 1983

**TO:** (Officer designation, room number, and building)

DATE

RECEIVED

FORWARDED

OFFICER'S INITIALS

**COMMENTS** (Number each comment to show from whom to whom. Draw a line across column after each comment.)

1. EXO/OSO/PSD  
[Redacted]

28  
JUN 83

JN

2. DC/OSO/PSD  
[Redacted]

1/28

JF

3. C/OSO/PSD  
[Redacted]

6/28

msc

4. OSO/Registry  
[Redacted]

(FOR DISTRIBUTION)

6/29/83

5. New Bldg Planning Office, OL  
ATTN: [Redacted]  
4E50 Hqs

JHr

6.

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15.

FORM  
1-79

**610**

USE PREVIOUS  
EDITIONS

**CONFIDENTIAL**

CONFIDENTIAL

OSO-0968-83  
29 June 83

MEMORANDUM FOR: New Building Planning Office, OL

25X1 ATTENTION:

FROM:

Chief, Processing Support Division, TCG/OSO

25X1 SUBJECT: Fire Suppression System for PSD New Building  
Computer Area

1. The following PSD position on fire suppression systems for PSD computer laboratory areas in the New Building is submitted per your request:

a. For the computer and equipment area only, the system of choice, (given sufficient resources) is a Halon 1301 system with full reserve, backed up with a so-called dry pipe sprinkler system. We assume that such a system would permit a controlled delay between the release of the Halon agent and sprinkler activation for a non-explosive fire.

b. Our second choice would be Halon only with a full reserve.

25X1 c. The least desirable approach would be a conventional, fully-charged sprinkler system which would present long-term risks of leakage and, of course, would be very destructive to electronic and computer equipment if activated.

25X1 2. The laboratory should be designed to protect mainframe computer systems operating in an unattended mode within a compartmented vault-type area. Should any charged water line, sprinklers or otherwise, be installed in the computer lab area, then we would need a suitable flood detection system with remote alarm capability.

25X1 CONFIDENTIAL

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SUBJECT: Fire Suppression System for PSD New Building  
Computer Area [REDACTED]

25X1

25X1 3. For additional details, please contact [REDACTED]  
25X1 [REDACTED] of this Division on extension [REDACTED]

25X1

25X1

cc C/OSO/LOGS

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